

IN THE SPECIFICATION

At page 1691, lines 13-25, please replace the section entitled “**Extraction of GS-7340 Ester Hydrolase from Human PBMCs**” with the following amended section:

Extraction of GS-7340 Ester Hydrolase from Human PBMCs

Fresh human PBMC were obtained from patients undergoing leukapheresis; cells were shipped in plasma and processed within 26 h of draw. PBMC cells were harvested by centrifugation at 1200 X g for 5 minutes and washed three times by re-suspension in RBC lysis buffer (155 mM NH₄Cl, 1 mM EDTA, 10 mM KHCO₃). Washed cells (29×10^9) were suspended in 150 ml of lysis buffer (10 mM Tris, pH 7.4, 150 mM NaCl, 20 mM CaCl₂, 1 mM DTT and 1% NP40) and incubated on ice for 20 minutes. The PBMC crude extract was centrifuged at 1000 X g for 30 min to remove unlysed cells and the supernatant at 100,000 X g for 1h. The 100,000 X g supernatant (PBMC Extract: P0) was harvested (165ml) and the pellets (1000 X g and 100,000 X g pellets) were resuspended in 10 mM Tris, pH 7.4, 150 mM NaCl, 20 mM CaCl₂, 1 mM DTT and assayed for GS-GS-7340 ester hydrolase activity. Assays showed that <2% of the GS-GS-7340 Ester Hydrolase enzymatic activity was present in the pellets. The cell extract was snap frozen in liquid Nitrogen and stored at -70°C.